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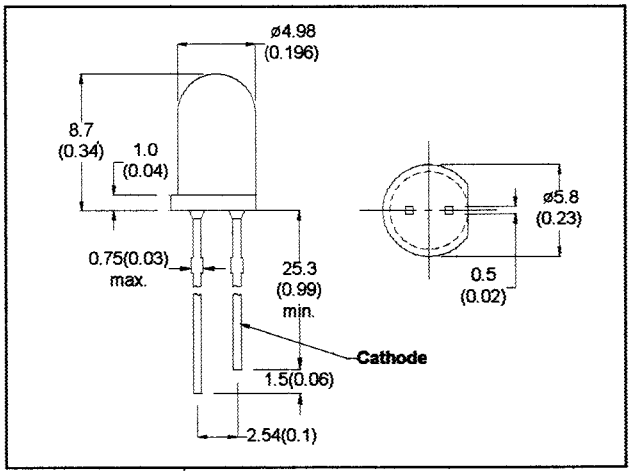
MICRO ELECTRONICS

MOB51CRA

ULTRA HIGH BRIGHTNESS RED LED LAMP

DESCRIPTION

MOB51CRA is high efficiency red LED lamp encapsulated in a 5mm diameter, red transparent lens with an optimum viewing angle.



- All Dimension in mm (inch)
- No Scale
- Tol : +/- 0.3mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25℃	90mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100℃
Lead Soldering Temperature (1/16" from body)	260℃ for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μA
Luminous Intensity	IV	160	220		mcd	IF=20mA
Peak Wavelength	$\lambda\rho$		640		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		40		nm	IF=20mA

Rev.A.

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